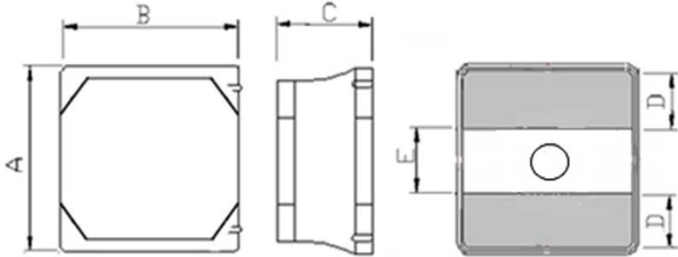


# SPECIFICATION FOR APPROVAL

|           |                       |          |                     |
|-----------|-----------------------|----------|---------------------|
| COMMODITY | <b>SMD POWER COIL</b> | SPEC NO. | SP-0190115003       |
| ITEM      | <b>JNR 4012H-3R3M</b> | Green    | 版本：A 表單編號：QR-012-02 |

| (1) DIMENSION: (UNIT: mm)                                                         |   | DIM. | TOL. |
|-----------------------------------------------------------------------------------|---|------|------|
|  | A | 4.0  | ±0.2 |
|                                                                                   | B | 4.0  | ±0.2 |
|                                                                                   | C | 1.2  | Max. |
|                                                                                   | D | 1.2  | Ref. |
|                                                                                   | E | 1.6  | Ref. |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |
|                                                                                   |   |      |      |

| (2) ELECTRICAL CHARACTERISTIC |                           |     | TEST INSTRUMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|---------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INDUCTANCE                    | 3.3 ± 20%                 | μ H | <input type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer.<br><input type="checkbox"/> AGILENT 4285A Precision L.C.R.<br><input type="checkbox"/> HP-4286A RF L.C.R. Meter.<br><input checked="" type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer.<br><input type="checkbox"/> ZENTECH 101 L.C.R. Meter.<br><input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer.<br><input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT.<br><input checked="" type="checkbox"/> ZENTECH 502AC Resistance Merter.<br><input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter. |
| TEST FREQUENCY                | 100                       | KHz |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| TEST VOLT                     | 1                         | V   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RDC                           | 0.07 ± 20%                | Ω   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Isat                          | 1.60 (typ.)<br>1.40 (max) | A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Irms                          | 1.90 (typ.)<br>1.70 (max) | A   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                               |                           |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## REMARK :

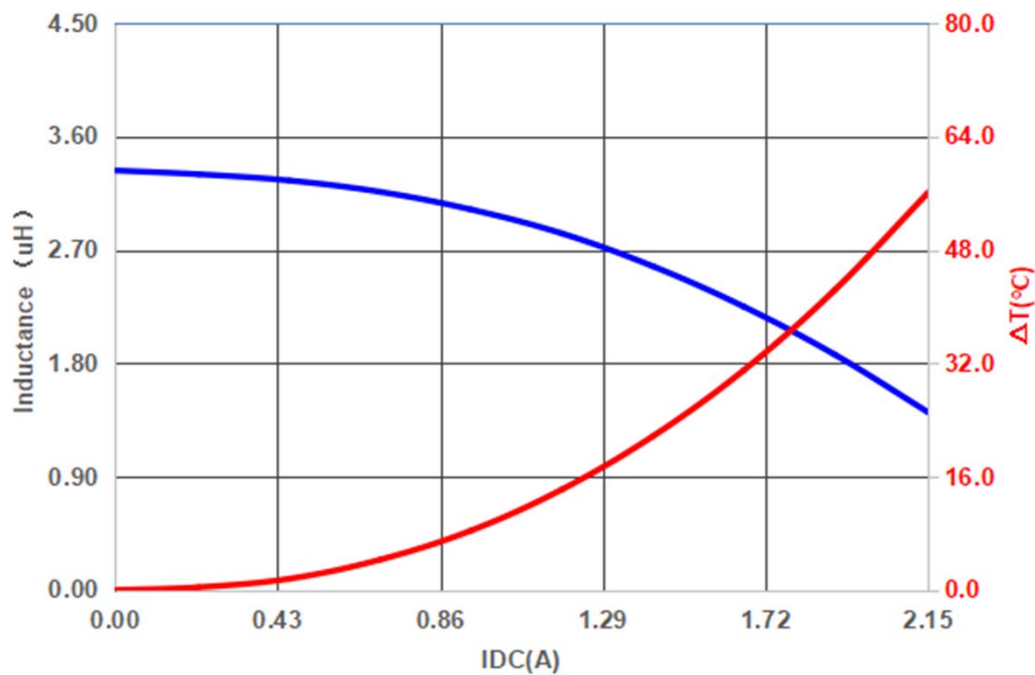
1. All test data referenced to 25°C ambient
2. Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%.
3. Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40°C

| PURCHASER CONFIRMED | APPROVED                                                                             | CHECKED                                                                               | DRAWN                                                                                 |
|---------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                     |  |  |  |

# TEST REPORT

SPEC NO : SP-0190115003

Typical Performance Curves



Test Instrument :

ZENTECH 3302 Automatic Components Analyzer

ZENTECH 1320 BIAS CURRENT

Testing Condition :

Temperature : 25 to 28°C

Humidity : 60 to 70 % RH

Check by :



Test by :



TEL : 886-2-2689-4971 FAX : 886-2-2689-4260

E-mail : jantek@jantek-elec.com.tw

Web-Site : www.jantek-elec.com.tw